## Case AT/K-22162/P1/CGC 2054

| DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATIONS  ☑ Original ☐ Supplemental ☐ Substitute ☐ PCT   |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|
| As a below named inventor, I hereby declare that:  |  |  |  |  |  |  |  |  |  |
| My residence, post office address and citizenship are as stated below next to my name.   |  |  |  |  |  |  |  |  |  |
| I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if more than one name is listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled |  |  |  |  |  |  |  |  |  |
| LIQUID, RADIATION-CURABLE COMPOSITION, ESPECIALLY FOR STEREOLITHOGRAPHY  |  |  |  |  |  |  |  |  |  |
| which is described and claimed in:   |  |  |  |  |  |  |  |  |  |
| ☐ the attached specification.  |  |  |  |  |  |  |  |  |  |
| □ the specification in U.S. application No filed   |  |  |  |  |  |  |  |  |  |
| the specification in International Application No. PCT/, filed, assigned U.S. Application No(if applicable), and as amended (month/day/year)   |  |  |  |  |  |  |  |  |  |
| □ under PCT Article 19 on (if applicable) (month/day/year)   |  |  |  |  |  |  |  |  |  |
| □ under PCT Article 34 on (if applicable) (month/day/year)   |  |  |  |  |  |  |  |  |  |
| □ and further amended on (if applicable) (month/day/year)  |  |  |  |  |  |  |  |  |  |
| I hereby state that I have reviewed and understand the contents of the above identified  |  |  |  |  |  |  |  |  |  |
| —specification, including the claims, as amended by any amendment referred to above.   |  |  |  |  |  |  |  |  |  |

I acknowledge the duty to disclose all information which is known by me to be material to the patentability of this application as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119 (a)-(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America relating to this subject matter having a filing date before that of the application on which priority is claimed:

| COUNTRY/REGION<br>(OR PCT)            | APPLICATION NO.               | FILING DATE<br>(month/day/year) | PRIORITY CLAIMED |          |         |         |  |  |  |
|---------------------------------------|-------------------------------|---------------------------------|------------------|----------|---------|---------|--|--|--|
|                                       |                               |                                 |                  | Yes      |         | No      |  |  |  |
|                                       |                               |                                 |                  | Yes      |         | No      |  |  |  |
|                                       |                               |                                 |                  | Yes      |         | No      |  |  |  |
|                                       |                               |                                 |                  | Yes      |         | No      |  |  |  |
| I hereby claim the bene listed below: | fit under 35 USC § 119(e)     | of any United States p          | orovis           | ional ap | oplicat | tion(s) |  |  |  |
| APPLICATION NO.                       | FILING DATE<br>(month/day/yea | ır)                             |                  |          |         |         |  |  |  |
| 60/181,052                            | February 8, 20                | 000                             |                  |          |         |         |  |  |  |
|                                       |                               | <del></del>                     |                  |          |         |         |  |  |  |
|                                       | <u> </u>                      |                                 |                  |          |         |         |  |  |  |

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or PCT international application(s) designating the United States listed below and, insofar as the application discloses and claims subject matter in addition to that disclosed in the prior copending application, I acknowledge the duty to disclose all information known by me to be material-to-patentability\_as\_defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

| []     |
|--------|
| Ę      |
| 1 1.11 |
| #. #.  |
| ſΠ     |
| ίΠ     |
| IT     |
| (T     |
| £      |
| []     |
| ſIJ    |
|        |
| IT     |
| Ö      |
| ļė     |

| U.S. APPLICATION NO.   | FILING DATE<br>(month/day/year)               | STATUS   |  |  |  |  |  |  |
|--|---|--|--|--|--|--|--|--|
|  |   | □ Patented □ Pending □ Abandoned   |  |  |  |  |  |  |
|  |   | □ Patented □ Pending □ Abandoned   |  |  |  |  |  |  |
|  |   | □ Patented □ Pending □ Abandoned   |  |  |  |  |  |  |
| NO. F  | NTERNATIONAL<br>ILING DATE<br>nonth/day/year) | U.S. APPLICATION NO. STATUS (if any)   |  |  |  |  |  |  |
|  |   | ☐ Patented   |  |  |  |  |  |  |
|  |   | Dending  |  |  |  |  |  |  |
|  |   | ☐ Abandoned  |  |  |  |  |  |  |
| I hereby appoint the following attorneys and agents, associated with Customer No. 000324, each of them with full power of substitution, revocation and appointment of associates, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: |   |  |  |  |  |  |  |  |
| Luther A. R. Hall (Reg. No. 27,337), JoAnn L. Villamizar (Reg. No. 30,598), Kevin T. Mansfield (Reg. No. 31,635), David R. Crichton (Reg. No. 37,300), Tyler A. Stevenson (Reg. No. 46,388) and Michele A. Kovaleski (Reg. No. 37,865).  |   |  |  |  |  |  |  |  |
|  | , Patent Department,                          | ustomer No. 000324 to <i>Ciba-Specialty</i><br>, 540 White Plains Road, P.O. Box 2005, |  |  |  |  |  |  |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are

punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that such willful false

statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole

Post Office Address

| or first joint inventor   | David L. Johnson  |   |
|---|---|---|
| Inventor's signature  |   | Date<br>month/day/year                  |
| Residence   | 28372 Rodgers Dr.<br>Saugus, CA 91350   | montn/day/year                          |
| Citizenship   | United States   |   |
| Post Office Address   | Same as above   |   |
| Full name of second joint inventor, if any Inventor's signature Residence | Richard Leyden  Rechard Jayan  22024 Alta Drive Topanga Cannon, CA 902                                | Date <u>1- 29-0 (</u><br>month/day/year |
| Citizenship   | United States   |   |
| Post Office Address   | Same as above   |   |
| Full name of third joint inventor, if any Inventor's signature            | Ranjana C. Patel  | Date<br>month/day/year                  |
| Residence   | George Green Cottage<br>Little Hallingbury<br>Bishop's Stortford<br>Herts, CM22 4QA<br>United Kingdom | month/day/year                          |
| Citizenship   | Great Britain   |   |

Same as above

## Case AT/K-22162/P1/CGC 2054

| DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATIONS  |  |  |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|--|
| ☑ Original □ Supplemental □ Substitute □ PCT  |  |  |  |  |  |  |  |  |  |
|   |  |  |  |  |  |  |  |  |  |
| As a below named inventor, I hereby declare that:   |  |  |  |  |  |  |  |  |  |
|   |  |  |  |  |  |  |  |  |  |
| My residence, post office address and citizenship are as stated below next to my name.                                      |  |  |  |  |  |  |  |  |  |
|   |  |  |  |  |  |  |  |  |  |
| I believe I am the original, first and sole inventor (if only one name is listed below) or an original,                     |  |  |  |  |  |  |  |  |  |
| first and joint inventor (if more than one name is listed below) of the subject matter which is                             |  |  |  |  |  |  |  |  |  |
| claimed and for which a patent is sought on the invention entitled  |  |  |  |  |  |  |  |  |  |
|   |  |  |  |  |  |  |  |  |  |
| LIQUID, RADIATION-CURABLE COMPOSITION, ESPECIALLY FOR   |  |  |  |  |  |  |  |  |  |
| STEREOLITHOGRAPHY   |  |  |  |  |  |  |  |  |  |
|   |  |  |  |  |  |  |  |  |  |
| which is described and claimed in:  |  |  |  |  |  |  |  |  |  |
| ☑ the attached specification.   |  |  |  |  |  |  |  |  |  |
| the attached specification.  the specification in U.S. application No filed   |  |  |  |  |  |  |  |  |  |
|   |  |  |  |  |  |  |  |  |  |
| the specification in International Application No. PCT/, filed, assigned U.S. Application No(if applicable), and as amended |  |  |  |  |  |  |  |  |  |
| (month/day/year)  |  |  |  |  |  |  |  |  |  |
| □ under PCT Article 19 on(if applicable)  |  |  |  |  |  |  |  |  |  |
| □ under PCT Article 19 on (if applicable) (month/day/year)  |  |  |  |  |  |  |  |  |  |
| ☐ under PCT Article 34 on (if applicable) (month/day/year)  |  |  |  |  |  |  |  |  |  |
| (month/day/year)  |  |  |  |  |  |  |  |  |  |
| □ and further amended on (if applicable) (month/day/year)   |  |  |  |  |  |  |  |  |  |
| (month/day/year)  |  |  |  |  |  |  |  |  |  |
| I hereby state that I have reviewed and understand the contents of the above identified                                     |  |  |  |  |  |  |  |  |  |
| specification, including the claims, as amended by any amendment referred to above.   |  |  |  |  |  |  |  |  |  |

I acknowledge the duty to disclose all information which is known by me to be material to the patentability of this application as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119 (a)-(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America relating to this subject matter having a filing date before that of the application on which priority is claimed:

| COUNTRY/REGION<br>(OR PCT)            | APPLICATION NO.           | FILING DATE (month/day/year) | PRIORITY CLAIMED |          |        |         |  |  |  |
|---------------------------------------|---------------------------|------------------------------|------------------|----------|--------|---------|--|--|--|
|                                       |                           |                              |                  | Yes      |        | No      |  |  |  |
|                                       |                           | <del></del>                  |                  | Yes      |        | No      |  |  |  |
|                                       |                           |                              | . 🗆              | Yes      |        | No      |  |  |  |
|                                       |                           |                              |                  | Yes      |        | No      |  |  |  |
| I hereby claim the bene listed below: | fit under 35 USC § 119(e) | ) of any United States រ     | orovis           | ional ap | plicat | cion(s) |  |  |  |
| APPLICATION NO.                       | FILING DATE (month/day/ye |                              |                  |          |        |         |  |  |  |
| 60/181,052                            | February 8, 2             | 2000                         |                  |          |        |         |  |  |  |
|                                       |                           |                              |                  |          |        |         |  |  |  |
|                                       |                           |                              |                  |          |        |         |  |  |  |

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or PCT international application(s) designating the United States listed below and, insofar as the application discloses and claims subject matter in addition to that disclosed in the prior copending application, I acknowledge the duty to disclose all information known by me to be material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

| U.S. APPLICATION NO |       | FILING DATE (month/day/year)           | STATUS |               |           |     |       |      |     |           |
|---------------------|-------|--|--------|---------------|-----------|-----|-------|------|-----|-----------|
|                     |       |  |        |               | Patented  |     | Pendi | ng I |     | Abandoned |
|                     |       |  |        |               | Patented  |     | Pendi | ng I |     | Abandoned |
|                     |       |  |        |               | Patented  |     | Pendi | ng i |     | Abandoned |
| PCT APPLICATION NO. | FILII | ERNATIONAL<br>NG DATE<br>nth/day/year) |        | S. AF<br>any) | PPLICATIO | N N | O. S  | TAT  | US  |           |
|                     |       |  |        |               |           |     |       | P    | ate | ented     |
|                     |       |  |        |               |           |     | . [   | P    | 'en | ding      |
|                     |       |  |        |               |           |     |       | ı A  | ba  | ndoned    |

I hereby appoint the following attorneys and agents, associated with Customer No. 000324, each of them with full power of substitution, revocation and appointment of associates, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Luther A. R. Hall (Reg. No. 27,337), JoAnn L. Villamizar (Reg. No. 30,598), Kevin T. Mansfield (Reg. No. 31,635), David R. Crichton (Reg. No. 37,300), Tyler A. Stevenson (Reg. No. 46,388) and Michele A. Kovaleski (Reg. No. 37,865).

Address all correspondence associated with Customer No. 000324 to *Ciba-Specialty*Chemicals Corporation, Patent Department, 540 White Plains Road, P.O. Box 2005,

Tarrytown, NY 10591-9005.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole

| <b>\</b>                                   |   |   |
|--|---|---|
| or first joint inventor                    | David L. Johnson  |   |
| Inventor's signature                       | David R. Johnson Date January 29, 200 month/day/year                                      | 1 |
| Residence                                  | 28372 Rodgers Dr.<br>Saugus, CA 91350   |   |
| Citizenship                                | United States   |   |
| Post Office Address                        | Same as above   |   |
| Full name of second joint inventor, if any | Richard Leyden  |   |
| Inventor's signature                       | Date<br>month/day/year  |   |
| Residence                                  | 22024 Alta Drive<br>Topanga Cannon, CA 90290  |   |
| Citizenship                                | United States   |   |
| Post Office Address                        | Same as above   |   |
| Full name of third joint inventor, if any  | Ranjana C. Patel  |   |
| Inventor's signature                       | Date<br>month/day/year  |   |
| Residence                                  | George Green Cottage Little Hallingbury Bishop's Stortford Herts, CM22 4QA United Kingdom |   |
| Citizenship                                | Great Britain   |   |

Post Office Address Same as above

## Case AT/K-22162/P1/CGC 2054

|  | <b>V</b>     | Original                            | □ S                            | upplemental                           |               | Substitute               |       | PCT                         |  |
|--|--------------|-------------------------------------|--------------------------------|---------------------------------------|---------------|--------------------------|-------|-----------------------------|--|
| As a b   | pelow        | named inver                         | ntor, I he                     | ereby declare th                      | at:           |                          |       |                             |  |
| My residence, post office address and citizenship are as stated below next to my name.   |              |                                     |                                |                                       |               |                          |       |                             |  |
| I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if more than one name is listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled |              |                                     |                                |                                       |               |                          |       |                             |  |
| LIQUID, RADIATION-CURABLE COMPOSITION, ESPECIALLY FOR STEREOLITHOGRAPHY  |              |                                     |                                |                                       |               |                          |       |                             |  |
| which  | is de        | escribed and o                      | claimed                        | in:                                   |               |                          |       |                             |  |
|  | the          | attached spe                        | cificatio                      | n.                                    |               |                          |       |                             |  |
|  | the          | specification                       | in U.S.                        | application No.                       |               |                          | file  | ed                          |  |
|  | the<br>filed | specification<br>d<br>(month/day/ye | in Interr<br>_, assigr<br>ear) | national Applicat<br>ned U.S. Applica | tion Nation I | lo. PCT/<br>No           | (if a | applicable), and as amended |  |
|  |              | under PCT                           | Article 1                      | 9 on<br>(month/day                    | //yeai        | _ (if applicable)        |       |                             |  |
|  |              | under PCT                           | Article 3                      | 4 on<br>(month/day                    | //yeaı        | _ (if applicable)        |       |                             |  |
| •  |              | and further                         | amend                          | ed on<br>(month/da                    | y/yea         | _ (if applicable)<br>ir) |       |                             |  |

DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATIONS

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information which is known by me to be material to the patentability of this application as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119 (a)-(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America relating to this subject matter having a filing date before that of the application on which priority is claimed:

| COUNTRY/REGION<br>(OR PCT)            | APPLICATION NO.              | FILING DATE<br>(month/day/year) | PR     | IORITY   | CLA    | MED     |
|---------------------------------------|------------------------------|---------------------------------|--------|----------|--------|---------|
|                                       |                              |                                 |        | Yes      |        | No      |
|                                       |                              |                                 |        | Yes      |        | No      |
|                                       |                              |                                 |        | Yes      |        | No      |
|                                       |                              |                                 |        | Yes      |        | No      |
| I hereby claim the bene listed below: | fit under 35 USC § 119(e)    | of any United States p          | orovis | ional ap | plicat | tion(s) |
| APPLICATION NO.                       | FILING DATE<br>(month/day/ye | ar)                             |        |          |        |         |
| _60/181,052                           | _February 8, 2               | 2000                            |        |          |        |         |
|                                       |                              |                                 |        |          |        |         |

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or PCT international application(s) designating the United States listed below and, insofar as the application discloses and claims subject matter in addition to that disclosed in the prior copending application, I acknowledge the duty to disclose all information known by me to be material to patentability as defined in 37 C.F.R. § 1.56 which became available between the

filing date of the prior application and the national or PCT international filing date of this application:

| U.S. APPLICATION NO. |       | FILING DATE (month/day/year)          | STATUS |               |          |    |     |       |      |           |
|----------------------|-------|---------------------------------------|--------|---------------|----------|----|-----|-------|------|-----------|
|                      |       |                                       |        |               | Patented |    | Per | nding |      | Abandoned |
|                      |       |                                       |        |               | Patented |    | Per | nding |      | Abandoned |
|                      |       |                                       |        |               | Patented |    | Per | nding |      | Abandoned |
| PCT APPLICATION NO.  | FILIN | RNATIONAL<br>NG DATE<br>hth/day/year) |        | S. AF<br>any) | PLICATIO | ΝN | Ο.  | STA   | TUS  | 8         |
|                      |       |                                       |        |               |          |    |     |       | Pate | ented     |
|                      |       |                                       |        |               |          |    |     |       | Pen  | ding      |
|                      |       |                                       |        |               |          |    |     | · .   | Aba  | ndoned    |
|                      |       |                                       |        |               |          |    |     |       |      |           |

I hereby appoint the following attorneys and agents, associated with Customer No. 000324, each of them with full power of substitution, revocation and appointment of associates, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Luther A. R. Hall (Reg. No. 27,337), JoAnn L. Villamizar (Reg. No. 30,598), Kevin T. Mansfield (Reg. No. 31,635), David R. Crichton (Reg. No. 37,300), Tyler A. Stevenson (Reg. No. 46,388) and Michele A. Kovaleski (Reg. No. 37,865).

Address all correspondence associated with Customer No. 000324 to *Ciba-Specialty*Chemicals Corporation, Patent Department, 540 White Plains Road, P.O. Box 2005,

Tarrytown, NY 10591-9005.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are

Citizenship

Post Office Address

punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| Full name of sole or first joint inventor                                | David L. Johnson  |                   |                             |
|--|---|-------------------|-----------------------------|
| Inventor's signature   |   | Date              |                             |
| Residence  | 28372 Rodgers Dr.<br>Saugus, CA 91350   |                   | month/day/year              |
| Citizenship  | United States   |                   |                             |
| Post Office Address  | Same as above   |                   |                             |
| Full name of second joint inventor, if any                               | Richard Leyden  |                   |                             |
| Inventor's signature   |   | Date              | month/day/year              |
| Residence  | 22024 Alta Drive<br>Topanga Cannon, CA 90290  |                   | ,,                          |
| Citizenship  | United States   |                   |                             |
| Post Office Address  | Same as above   |                   |                             |
| Full name of third joint inventor, if any Inventor's signature Residence | Ranjana C. Patel  George Green Cottage Little Hallingbury Bishop's Stortford Herts, CM22 4QA United Kingdom | Date <sub>.</sub> | Jau/29/01<br>month/day/year |

**Great Britain** 

Same as above

/3